Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1　Claim 1 (currently amended):　　A record for marking encoded information
2　　　comprising:

3　　　　　a marking medium;

4　　　　　first marks on said marking medium having a covert code characteristic,
5　　said first marks conveying a covertly marked code; said covert code
6　　characteristic ~~indicating~~ including a feature of the covertly marked code that is
7　　visually undetectable by a human; and

8　　　　　second marks on said medium that convey an overtly marked code; said
9　　overtly marked code, when decoded, producing data for use in decoding said
10　covertly marked code.

1　Claim 2 (previously presented):　　A record of claim 1, wherein said second marks have
2　　　an overt code characteristic indicating a feature of the overtly marked code that
3　　　is visually detectable by a human as a state of a self-clocking glyph code.

1　Claim 3 (previously presented):　　A record of claim 1, wherein said covert code
2　　　characteristic is a chemical taggant.

3　Claim 4 (canceled)

4　Claim 5 (canceled)

1　Claim 6 (previously presented):　　A record of claim 1, wherein said first and second
2　　　marks are self-clocking glyph codes.

1   Claim 7 (previously presented):   A record of claim 1, wherein said covertly marked

2   code, when decoded, produces authentication data.

1   Claim 8 (original): A record of claim 1, wherein said first marks are comprised of a first

2   and a second set of marks, and only said second set of marks convey said

3   covertly marked code.

1   Claim 9 (original): A record of claim 8, wherein said overtly marked code identifies the

2   location of said second set of marks.

1   Claim 10 (previously presented): A record of claim 1, wherein said second marks

2   include at least a subset of said first marks.

1   Claim 11 (canceled)

1   Claim 12 (currently amended):   A method for marking encoded information on a

2   marking medium comprising the steps of:

3   placing first marks on said medium having a covert code characteristic, said

4   first marks conveying a covertly marked code; said covert code characteristic

5   ~~indicating~~including a feature of the covertly marked code that is visually

6   undetectable by a human; and

7   placing second marks on said medium adapted to convey an overtly marked

8   code; said overtly marked code, when decoded, producing data for use in

9   decoding said covertly marked code.

1   Claim 13 (original):   A method of claim 12, wherein said second marks include at

2   least a subset of said first marks.

1   Claim 14 (previously presented): A method of claim 12, wherein said second marks

2   have an overt code characteristic indicating a feature of the overtly marked code

3   that is visually detectable by a human as a state of a self-clocking glyph code.

Claim 15 (previously presented): A method of claim 14, wherein said covert code characteristic is a chemical taggant.

Claim 16 (canceled)

Claim 17 (canceled)

Claim 18 (previously presented): A method of claim 12, wherein said first and second marks are self-clocking glyph codes.

Claim 19 (original): A method of claim 12, wherein said first marks are comprised of a first and a second set of marks and only said second set of marks convey said covertly marked code.

Claim 20 (original): A method of claim 19, wherein said overtly marked code identifies the location of said second set of marks.

Claim 21 (previously presented): A method of claim 12, wherein said covertly marked code, when decoded, produces authentication data.

Claim 22 (canceled)

Claim 23 (original): A method of claim 12, wherein the first and second marks are applied via tri-level xerography.

Claim 24 (canceled)

Claim 25 (previously presented): A record of claim 1, wherein the data produced for use in decoding said covertly marked code includes a location of the first marks on the encoded record.

Claim 26 (previously presented): A record of claim 1, wherein the data produced for use in decoding said covertly marked code includes information about how the covertly marked code was encoded on the record.

Claim 27 (previously presented): A record of claim 1, wherein said covertly marked code, when decoded, produces an encrypted message.

Claim 28 (previously presented): A method of claim 12, wherein the data produced for use in decoding said covertly marked code includes a location of the first marks on the encoded record.

Claim 29 (previously presented): A method of claim 12, wherein the data produced for use in decoding said covertly marked code includes information about how the covertly marked code was encoded on the record.

Claim 30 (previously presented): A method of claim 12, wherein said covertly marked code, when decoded, produces an encrypted message.

Claim 31 (currently amended): A method for marking encoded information on a marking medium comprising the steps of:

placing first marks on said medium having a covert code characteristic indicatingincluding a feature of the covertly marked code that is visually undetectable by a human; a subset of said first marks conveying a covertly marked code; and

placing second marks on said medium adapted to convey an overtly marked code; said overtly marked code, when decoded, producing an encrypted message and decryption data used by a secure server to decrypt the encrypted message; the decrypted message causing the secure server to produce decoding data indicating which ones of said first marks are included in the subset of said first marks that convey said covertly marked code.

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1   Claim 32 (new):   A record of claim 3, wherein said overt code characteristic is an
2   optically visible state of a glyph.

1   Claim 33 (new):   A record of claim 15, wherein said overt code characteristic is an
2   optically visible state of a glyph.

1   Claim 34 (new):   A record of claim 1, wherein said first and second marks at least in
2   part comprise the same marks, with said same marks having both a visibly
3   undetectable convert code characteristic and a visibly detectable overt code
4   characteristic.

1   Claim 35 (new):   A record of claim 1, wherein said covert code characteristic of said
2   first marks is visibly undetectable.

1   Claim 36 (new):   A record of claim 1, wherein said covert code characteristic of said
2   first marks does not effect the appearance of said first and second marks.

1   Claim 37 (new):   A record of claim 1, further including third marks storing at least a
2   portion of said encoded information, said third marks being distributed among
3   said first and second marks.

1   Claim 38 (new):   A method of claim 12, wherein said covert code characteristic of
2   said first marks is visibly undetectable.

1   Claim 39 (new):   A method of claim 12, wherein said covert code characteristic of
2   said first marks does not effect the appearance of said first and second marks.

1   Claim 40 (new):   A method of claim 12, wherein said first and second marks at least
2   in part comprise the same marks, with said same marks having both a visible
3   undetectable covert code characteristic and a visibly detectable overt code
4   characteristic.

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